

Abstract

The present invention relates to a biodegradable microparticle composition useful for the target specific drug delivery to manage pulmonary tuberculosis, said composition comprising two anti-tuberculosis drugs, and a biodegradable polymer for drug delivery
5 in a ratio of about 1:2 to 2:1, wherein the anti – tubercular drugs are in the ratio of 1:2 to 2:1, also, a process for the preparation of the composition, and lastly, a method of treating pulmonary tuberculosis in a subject, said method comprising administering by inhalation alone or in combination with oral route, pharmaceutically effective amount of the composition to the subject in need thereof, wherein the dosage for inhalation is
10 ranging between 0.5 to 10 mg/kg body weight/day and that for oral route is ranging between 4 to 32 mg/kg body weight/day.